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AF/2874
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PTO/SB/21 (03-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/056,830	
	Filing Date	January 24, 2003	
	First Named Inventor	Shibin JIANG	
	Art Unit	2874	
	Examiner Name	Dung T. Nguyen	
Total Number of Pages in This Submission	13	Attorney Docket Number	NP-0009

ENCLOSURES (Check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Eric A. Gifford
Signature	
Date	07/07/04

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as Express mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 07-07-04		
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Docket No. NP-0009

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Shubin JIANG et al.

Serial No.: 10/056,830

Filing Date: January 24, 2002

For: RARE-EARTH DOPED PHOSPHATE-
GLASS SINGLE-MODE FIBER
LASERS

Examiner: Dung (Michael) T Nguyen

Group Art Unit: 2874

INFORMATION DISCLOSURE STATEMENT COVER LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants have listed publication dates on the attached PTO-1449 based on information made available to the undersigned in a PCT Search Report for related application PCT/US03/01380.

U.S. Patent RE 35,962 teaches a single longitudinal mode fiber laser in which a pair of Bragg gratings are used to delimit the gain portion thereby forming a laser resonator. The Bragg gratings have a reflectivity profile that is a maximum at a central wavelength corresponding to a central longitudinal mode of the laser resonator, which combined with the fiber gain are such that lasing occurs only at the central longitudinal mode. The configuration assumes practical low-gain fiber lasers (col. 6, line 37). For example 2-4dB/m (col. 6, line 39). More specifically an erbium doped germanosilicate fiber composition is used (col. 5, lines 21-30). Ball does not teach single mode lasers with high gain Er:Yb co-doped phosphate glass in an optical resonant cavity of 5cm or less.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered..

Sincerely,

Eric A. Gifford

Registration No. 33,501

NP Photonics, Inc.
9030 S. Rita Road, Suite 120
Tucson, AZ 85747
Phone: (520) 799-7400
Fax: (520) 799-7403

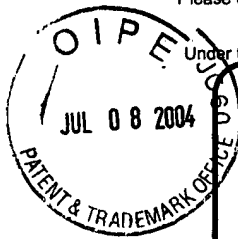
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PTO/SB/08A (08-00)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/056,830
Filing Date	January 24, 2003
First Named Inventor	Shibin JIANG
Group Art Unit	2874
Examiner Name	Dung T. Nguyen
Attorney Docket Number	NP-0009

Sheet 1 of 1

Attorney Docket Number NP-0009

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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